INTERNATIO L SEARCH REPORT

nal application No.

	SIFICATION OF SUBJECT MATTER C1 ⁷ C21D8/12, C22C38/00, 38/04	4, 38/60, HO1F1/16	
According t	to International Patent Classification (IPC) or to both no	ational classification and IPC	
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Jits	tion searched other than minimum documentation to the uyo Shinan Koho 1922-1996 i Jitsuyo Shinan Koho 1971-2004	Toroku Jitsuyo Shinan Koho	1994-2004
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C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
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X Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
"A" docume conside "E" earlier date "L" docume	categories of cited documents: ent defining the general state of the art which is not ered to be of particular relevance document but published on or after the international filing ent which may throw doubts on priority claim(s) or which is	"T" later document published after the interpriority date and not in conflict with the understand the principle or theory understand the principle or theory understand to particular relevance; the considered novel or cannot be considered step when the document is taken alone	e application but cited to orlying the invention claimed invention cannot be ded to involve an inventive
special "O" docum	e establish the publication date of another citation or other reason (as specified) ent referring to an oral disclosure, use, exhibition or other	"Y" document of particular relevance; the considered to involve an inventive step combined with one or more other such	when the document is documents, such
	ent published prior to the international filing date but later e priority date claimed	"&" document member of the same patent f	
Date of the	actual completion of the international search (anuary, 2004 (23.01.04)	Date of mailing of the international search 03 February, 2004 (
	nailing address of the ISA/	Authorized officer	
Japa	nese Patent Office	,	

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